



## **IS 4199:2001 - Toilet Soap, Liquid**

**Toilet Soap, Liquid** is a cleansing product that comes in a liquid form, typically dispensed from a pump bottle. It is designed for **personal hygiene**, primarily for **cleaning** hands and body. It often contains **surfactants**, which are cleansing agents that help remove dirt, oil, and bacteria. Additionally, liquid soaps may include **moisturizers, fragrances, and antibacterial agents**.

The following are the key expectations from the **consumers**:

- **Effective Cleansing:** Removes dirt and germs.
- **Skin-Friendly:** Gentle, hydrating, and non-irritating.
- **Pleasant Fragrance:** A pleasing scent.

To ensure product quality, Indian Standards mandate rigorous testing procedures for liquid toilet soap. These tests cover factors like:

- **Shelf life**
- **Cold temperature stability**
- **Odor**
- **Color**
- **Chemical composition**
- **Free alkali content**
- **Detergent content**

The standard also specifies additional requirements for **ECO-mark** for which consent clearance from the concerned State Pollution Control Board as per the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 along with the authorization, if required under the Environment (Protection) Act, 1986.